

Stereo Cassette Deck

Operating Instructions



To prevent fire or shock hazard, do not expose the unit to rain or moisture.





This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Owner's Record

The model and serial numbers are located on the rear of the unit. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. TC-K611S Serial No. _____

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Regrient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

You are cautioned that any change or modifications not expressly approved in this manual could void your authority to operate this equipment.

NOTICE FOR CUSTOMERS IN THE UNITED KINGDOM

A moulded plug complying with BS 1363 is fitted to this equipment for your safety and convenience.

Should the fuse in the plug supplied need to be replaced, a 5 AMP fuse approved by ASTA or BSI to BS 1362, (i.e. marked with ⊛ or ♥ mark) must be used.

If the plug supplied with this equipment has a detachable fuse cover, be sure to attach the fuse cover after you change the fuse. Never use the plug without the fuse cover. If you should lose the fuse cover, please contact your nearest Sony service station.

IMPORTANT

If the plug supplied is not suitable for the socket outlets in your home, it should be cut off and an appropriate plug fitted in accordance with the following instructions.

The wires in this mains lead are coloured in accordance with the following code:

Blue: Neutral Brown: Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

Do not connect either wire to the earth terminal in the plug which is marked by the letter E or by the safety earth symbol $\frac{1}{+}$ or coloured green or green and yellow.

WARNING

To prevent shock hazard, do not insert the plug cut off from the mains lead into a socket outlet. This plug cannot be used and should be destroyed.

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Chapter 1 Getting Started

Features

For higher quality recording/playback

- The Dolby HX PRO* system which improves the linearity of the tape's high-range response during recording.
- B, C and S type Dolby NR* systems which reduce tape noise.
- Bias and recording level calibration which ensures optimum recording conditions to bring out the best in every tape.
- Three-head system (separate recording, playback and erase heads) which allows you to instantly check the recorded sound while recording is in progress.
- Ceramic cassette holder for improved stability of tape running during playback and recording.

For your convenience

- The Multi-AMS and Memory Play functions which provide easy access to a desired selection.
- Timer-activated playback and recording through the use of an optional timer.

For easier operation

- Easy-to-read digital linear counter which shows the elapsed recording or playing time.
- * Dolby noise reduction and HX Pro headroom extension manufactured under license from Dolby Laboratories Licensing Corporation. HX Pro originated by Bang & Olufsen.
- "DOLBY", the double-D symbol 🔟 and "HX PRO" are trademarks of Dolby Laboratories Licensing Corporation.

Precautions

On safety

- Should any solid object or liquid fall into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- Unplug the unit from the wall outlet if it will not be used for a long time. To disconnect the cord, pull it out by grasping the plug. Never pull the cord itself.
- The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.

On operation

- When the unit is not used, turn the power off to conserve energy and to extend the useful life of your unit.
- Because of a safety mechanism, the function buttons will not operate if the cassette holder is not completely closed, if there is no cassette in the cassette holder, or if a cassette has been incorrectly inserted into the cassette holder.

On head cleaning

The head and tape path should be cleaned after every ten hours of operation. Dirty heads and a dirty tape path may cause:

- loss of high-frequency response
- loss of sound volume
- sound drop-out

If you have any questions or problems concerning your unit, please contact your nearest Sony dealer.

For the customers in the U.S.A.

For detailed safety precautions, see the leaflet "IMPORTANT SAFEGUARDS".

Unpacking

Checking the Supplied Accessories

Make sure that the following accessories are included with your unit.

· Audio connecting cords (2)

Notes on Installation

- Place the unit with the front panel facing you in a location with adequate air circulation to prevent overheating of the unit
- · Do not place the unit:
- near heat sources such as radiators or air ducts.
- in places subject to direct sunlight, excessive dust, mechanical vibration or shock.
- in an inclined position.
- on a rug or other soft surfaces that would block the ventilation holes on the bottom of the unit.

Do not throw away the carton and the packing material They will come in handy when transporting the unit or shipping it for servicing.

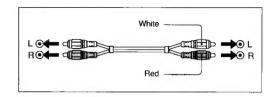
Checking the Operating Voltage

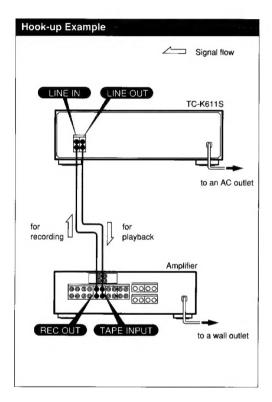
- Operate the unit only on 120 V AC, 60 Hz (U.S.A. model) or 240 V AC, 50 Hz (U.K. and Australia models).
- Before operating the unit, be sure that the operating voltage of your unit is identical with that of your local power supply.

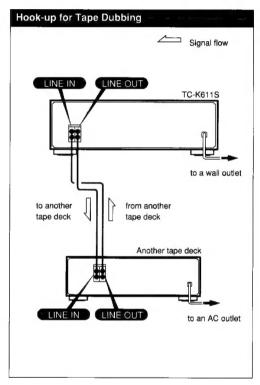
Hooking Up the System

Before You Begin

- Turn off the power to all equipment to be connected before making any connection.
- Note that the red plug of the supplied connecting cord is for right-channel (R) connection and the white plug for leftchannel (L) connection.
- The connecting cords should be fully inserted into the jacks.
 A loose connection may cause hum pickup.

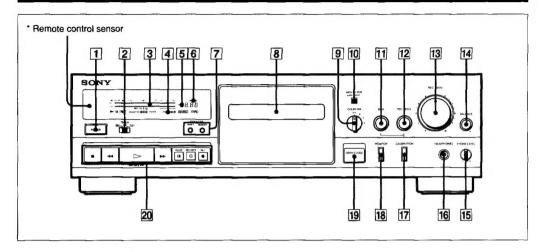






Identifying the Parts

Front Panel



For details, refer to the page number(s) indicated in parentheses.

- 1 POWER switch
- TIMER switch (page 16)
- 3 Peak level meter (page 13)
- 4 Tape TYPE indicator
- 5 Linear counter (page 10)
- 6 MEMORY indicator
- COUNTER buttons
 RESET button (page 10)
 MEMORY button (pages 9 and 10)
- 8 Cassette holder
- 9 DOLBY NR (noise reduction) switch (page 7 and 11)
- 10 MPX FILTER button (page 13)
- 11 BIAS control (pages 14 and 15)
- 12 REC (recording) LEVEL control for calibration (pages 14 and 15)
- 13 REC (recording) LEVEL control (pages 11 and 13)
- 14 BALANCE control (page 11)
- 15 PHONE (headphones) LEVEL control (page 7)
- 16 HEADPHONES jack (stereo phone jack) (page 7)
- 17 CALIBRATION button (page 14)
- 18 MONITOR button (page 13)

- 20 Tape operation buttons
 - (stop) button

 (rewind) (Multi-AMS**) button
 - (play) button
 - ►► (fast-forward) (Multi-AMS**) button
 - III PAUSE button
 - O REC MUTE (record muting) button (page 16)
 - REC (recording) button

*Remote control sensor

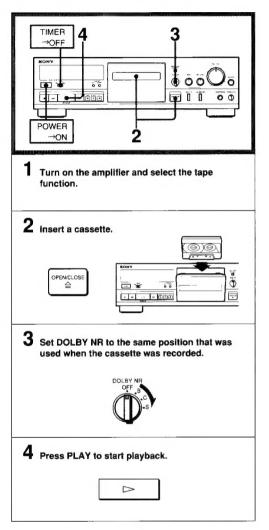
You can remotely control this cassette deck with:

- A remote commander that came with a Sony amplifier or receiver if it has the mark and cassette deck control capability.
- An optional Sony remote commander with the I mark and cassette deck control capability.

^{**}AMS is an abbreviation for Automatic Music Sensor.

Playing Back

Follow the procedure below to play back a cassette.



To stop playback, press the ■ button.

To stop playback momentarily, press the II button.

To restart playback, press the II or button.

To fastwind a tape rightward, press the ▶ button in stop mode.

To fastwind the tape leftward, press the ◀◀ button in stop mode.

Set the TIMER switch to OFF

Otherwise, recording or playback will start automatically when the power is turned on.

Is it necessary to set the tape type being used?

No. The deck has an automatic tape type detection system.

To start operations while the cassette holder is open

Operations may be started while the cassette holder is open. For example, when the button is pressed while the cassette holder is open, the cassette holder will close and playback will start. Similarly, pressing the , b, or buttons while the cassette holder is open will close the cassette holder and start the respective operation.

To change to recording mode during playback

Keeping the ▶ button pressed, press the ● button. The unit immediately switches from playback to recording without stopping the tape. This is useful when editing previously recorded material.

For headphone listening

Connect the headphone plug to the HEADPHONES jack. The listening level can be controlled with the PHONE LEVEL control.

Is it necessary to set the MONITOR button for playback?No. The TAPE mode is automatically selected and TAPE is displayed.

What is the Dolby NR system?

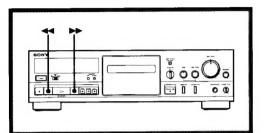
The Dolby NR (noise reduction) system reduces tape hiss noise in low-level, high-frequency signals by boosting the signals during recording and lowering them during playback. The Dolby S NR system provides the highest reduction in tape hiss noise in both low and high frequencies.

Note

The Dolby HX PRO system is effective only during recording, not during playback.

Locating a Selection — Multi-AMS (Automatic Music Sensor)

By detecting the blank space between selections, the Multi-AMS function allows you to skip up to 30 selections during fast forwarding or reversing to locate the beginning of a selection.

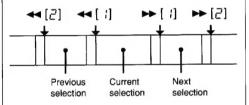


During playback, press ►► or ◄◄ as many times as the number of selections to be skipped.

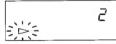
For selections after the current one: press ▶▶ the required number of times.

For selections before the current one: press <the required number of times*.

* Pressing ◀◀ once locates the beginning of the current selection.



 The number of selections to be skipped, which replaces the counter indication, decreases by one each time a blank space is detected.



- The play indicator flashes during Multi-AMS operation.
- When the beginning of the desired selection is reached, the counter indication returns and playback automatically restarts.

Modifying the indicated number of selections to be skipped

The number of selections to be skipped may be modified by pressing the ◀◀ or ▶▶ button at any time, even during Multi-AMS operation.

Regarding changes in the indicated number

The indicated number of selections to be skipped may change even as it is being set due to the detection of blank spaces during fastwinding of the unit.

The Multi-AMS may skip a selection in the following

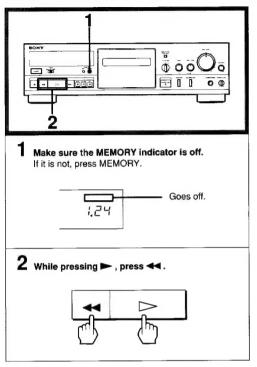
- If the ▶► (or ◄◄) button is pressed immediately before the following selection.
- · If there is noise in the space between selections.
- · If the space is less than four seconds long.

The Multi-AMS will treat the following as blanks:

- · a long pause in the music
- · a passage of low frequencies or very low volume
- · a gradual increase or decrease in volume

Starting Playing Back After Rewinding — Auto Play

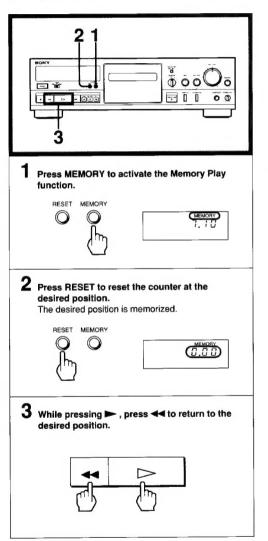
The Auto Play function automatically starts playing back a cassette after fast winding it to the beginning.



Locating a Desired Playback Position — Memory Play

How to Memorize and Locate a Desired Playback Position

The Memory Play function allows you to use the counter to record a desired position on a cassette for fast relocation and automatic playback later.



Returning to the memorized position in stop mode — Memory Stop

If you press only the ◀◀ button when the MEMORY indicator is on in the stop mode, the tape rewinds and the unit stops when the counter reaches 0.00.

Be sure to first stop playback before activating the Memory Stop function, otherwise the Multi-AMS function will activate.

To deactivate the Memory Play function

Press the MEMORY button, turning off the MEMORY indicator.

Note on Memory Play/Stop

In actuality, the tape is rewound to slightly short of 0.00.

Do not turn off the power while using the counter Turning the power off, then on again resets the counter to 0.00.

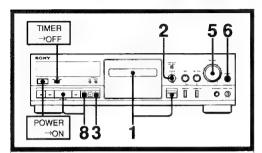
The Accuracy of the Digital Linear Counter

Since the counter is not a digital clock, the number will differ from the actual elapsed playback or recording time by a few minutes, depending on such factors as tape length and hub size.

Recording

How to Record to a Cassette

Follow this procedure to record a source on a cassette.



Insert a cassette with the side to be recorded facing outward.

(Refer to pages 14 to 15 to calibrate the bias

(Refer to pages 14 to 15 to calibrate the bias current and recording level if desired.)



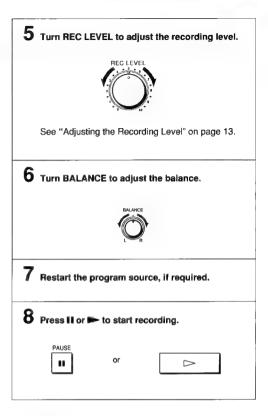
2 Set DOLBY NR.



3 Press • to enter the recording pause mode.



4 Play the program source to be recorded.



To stop recording Press the ■ button.

Recording

If playback starts instead of recording

The cassette tab for that side has been removed. To record on this cassette, cover the hole with plastic tape. (See "To Protect a Recording" on this page.)

Set the TIMER switch to OFF

Otherwise, recording or playback will start automatically when the power is turned on.

Is it necessary to set the MONITOR button for recording?

No. The source mode is automatically selected and SOURCE is displayed. If you wish to monitor the recorded sound, press the MONITOR button to select the TAPE mode.

To start recording while the cassette holder is open

If you press the button while the cassette holder is open, the holder will close automatically and the unit will switch to recording pause mode. This function allows you to start recording at a moment's notice.

Checking the recording time on a tape

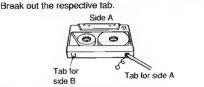
To check the remaining recording time on a tape:

- 1 Press the RESET button to reset the counter to 0.00.
- 2 Press the ▶ button to advance the tape to its end. The number on the counter shows the approximate recording time.

To check the total recording time of a tape, first rewind the tape to its beginning, then follow the same steps as above. (See "The Accuracy of the Digital Linear Counter" on page 10.)

To Protect a Recording

To protect a recording on side A or B



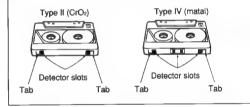
To recover a cassette for recording

Cover the respective slot with tape.



When using Type II (CrO₂) or Type IV (metal) cassettes

Be careful not to cover the detector slots which are necessary for automatic tape detection.



Cassette care

- Avoid touching the tape surface of a cassette to prevent contamination of the heads by dirt, dust, or oil on the skin.
- Keep cassettes away from equipment with magnets, such as speakers and amplifiers, as erasure or distortion on the recorded tape could occur.
- Do not expose cassettes to direct sunlight, extremely cold temperatures or moisture.

Note on cassettes longer than 90 minutes

The use of cassettes longer than 90 minutes is not recommended except for long continuous playback.

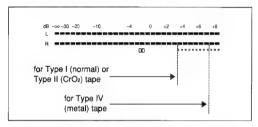
Adjusting the Recording Level

The optimum recording level, which differs according to the tape type, is indicated on the peak level meter for each tape type.

Adjust the REC LEVEL control as high as possible without exceeding the recommended range for the tape type being used.

Peak level meter readings by tape type

Recommended maximum peak level meter readings.



Tips on recording level adjustment

Setting the recording level too low will produce a hissing sound, while setting it too high will produce distortion. Generally, the optimum recording level for high and low frequencies is lower than that for middle frequencies.

Therefore, when recording program sources with many high and low frequencies, you should set the level to a relatively low position. For even better results, check the recording results with your own ear.

Recording FM Broadcasts With the Dolby NR System

When recording FM broadcasts with the DOLBY NR system, set the MPX FILTER button to ON (the FILTER indicator appears).

The MPX filter eliminates remnants of the 19-kHz stereo carrier and 38-kHz subcarrier signals which may impair the operation of the DOLBY NR system. Be sure that the Dolby NR switch is turned on since the MPX filter will not function otherwise. During recording with the Dolby NR system, use this switch only if the tuner is not equipped with its own MPX filter or the equipped filter does not function effectively.

Monitoring the Recorded Sound ---

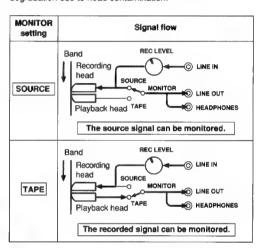
As this unit has three separate heads for recording, playback and erasure, you can check the quality of a recorded sound by comparing it with the input source signal.

To listen to the input source signal, press the MONITOR button to turn on the SOURCE indicator.

To listen to the sound recorded on the tape, press the MONITOR button to turn on the TAPE indicator.

Comparing the recorded sound with the sound source While recording use this monitoring function to check that

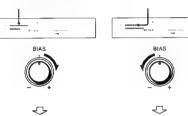
While recording, use this monitoring function to check that there is no distortion due to excessive level settings or sound degradation due to head contamination.



4 Adjust BIAS until both meters indicate equal playback levels.

A high reading on the upper meter indicates low bias current.

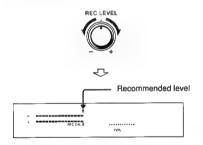
A low reading on the upper meter indicates a high bias current.



An equal reading on both meters indicates the optimum bias current condition.



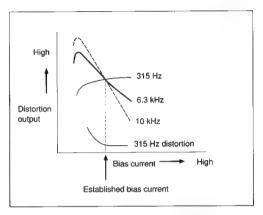
5 Adjust REC LEVEL for calibration until both meters reach the recommended level.



The bias current is now adjusted to the optimum level and the tape sensitivity compensation has been set. Press ■, then press CALIBRATION to turn the calibration function off (the display returns to normal). Rewind the tape and start the actual recording.

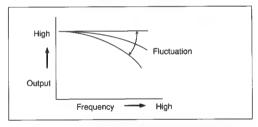
What Is the Dolby HX PRO System?

The Dolby HX PRO system provides improved linearity in high-range frequency response during recording. Tapes recorded with this system retain the same high quality even when played back on other tape decks.



As shown above, characteristics such as output level and distortion differ widely according to the bias (high-frequency) current.

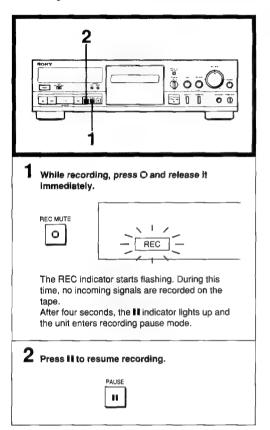
In conventional systems, the bias current is susceptible to variations in certain recording signals (see diagram below) which may cause fluctuations in frequency response, distortion, or other unwanted characteristics.



With the Dolby HX PRO system, the effective bias amount added to the bias current is controlled in millisecond units to greatly reduce distortion, improving linearity in high-range response and ensuring high-intensity recording with minimal distortion and noise.

Inserting a Blank Space During Recording — Record Muting

The Record Muting function allows you to insert a foursecond blank to enable proper Multi-AMS operation (see page 8), and to replace unwanted input with a blank of any desired length.



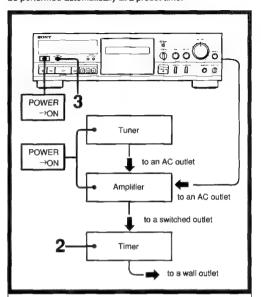
To create a blank longer than four seconds

Press the O button for the desired length of time. After four seconds, the REC indicator flashes with greater rapidity. When you release the O button, the II indicator lights up and the unit goes into recording pause mode.

Press the II button to resume recording.

Chapter 4 Other Operation Timer-Activated Playback and Recording

By connecting an optional timer, recording or playback can be performed automatically at a preset time.



Prepare the unit for playback or recording.

| For playback | Follow steps 1 through 3 on page 7. |
|---------------|--------------------------------------|
| For recording | Follow steps 1 through 6 on page 11. |

After completing the preparations, press ■ to change the unit to stop mode.

Make sure to close the holder completely.

- 2 Set the timer to the desired time.
 Power to the tape deck will be cut off.
- 3 Set TIMER to PLAY or REC. Playback or recording will start at the preset time.

Keep the POWER switch on the unit on

When the timer is set, the power to the unit will be cut off. However, the POWER switch must be on to start timeractivated operation.

When the timer-activated operation is completed Set the TIMER switch on the unit to OFF. If the TIMER switch is left at REC, the unit will automatically start recording the next time the power is turned on, and the previously recorded material may be erased.

Maintenance

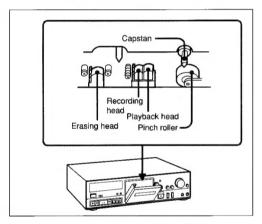
Cleaning the Heads and Tape Path

Clean all surfaces over which the tape travels after every ten hours of operation to guard against:

- low-quality sound
- a decrease in sound level
- excessive wow, flutter or drop-out
- incomplete erasure
- impairment of recording function

To obtain high-quality recorded sound, cleaning before every recording is recommended.

- 1 Keeping the power on, turn the volume control on the amplifier to minimum.
- 3 Wipe the heads, the pinch rollers and the capstans with a cotton swab slightly moistened with alcohol or commercially available cleaning fluid for tape decks.



Do not insert a cassette until the cleaned areas are completely dry.

Demagnetizing the Heads

After 20 to 30 hours of use, or when you notice hiss and/or loss of high frequencies, the residual magnetism built up on the heads should be removed.

- Keeping the power on, turn the volume control on the amplifier to minimum.
- 2 Press to open the cassette holder.
- 3 Demagnetize the heads with any commercially available demagnetizer.

Refer to the instruction manual of the demagnetizer for detailed instructions.

Cleaning the Cabinet

Clean the cabinet, panel and controls with a soft cloth slightly moistened with a mild detergent solution.

Do not use any type of abrasive pad, scouring powder or solvents such as alcohol or benzine.

Specifications

Recording system

4-track 2-channel stereo

Fast winding time

Approx. 90 sec. (with Sony C-60

cassette)

Bias

Motors

AC bias

Heads

Erasing head × 1 (F&F head)

Recording head × 1 (SD head) Playback head × 1 (SD head)

Playb

Capstan motor × 1 (DC servo motor)

Reel motor × 1 (DC motor)

Assist (mechanism drive) motor × 1

(DC motor)

Signal-to-noise ratio (at peak level and weighted)

| Cassette | Type IV | Type II | Type I |
|----------------|---------|---------|--------|
| (Dolby NR off) | 61 dB | 59 dB | 57 dB |

S/N ratio improvement (approximate values)

With Dolby B NR on : 5 dB at 1 kHz; 10 dB at 5 kHz With Dolby C NR on : 15 dB at 500 Hz; 20 dB at 1 kHz With Dolby S NR on : 10 dB at 100 Hz; 24 dB at 1 kHz

Harmonic distortion

0.4% (with Type I, 160 nWb/m, 315 Hz, 3rd H.D.)

1.5% (with Type IV, 250 nWb/m, 315 Hz, 3rd H.D.)

Frequency response (Dolby NR off)

| Type IV cassette | 20 - 20,000 Hz (±3 dB, IEC) 20 - 16,000 Hz [±3 dB (-4dB |
|------------------|--|
| Type IV casselle | recording)] |
| Type II cassette | 20 - 18,000 Hz (±3 dB, IEC) |
| Type I cassette | 20 - 17,000 Hz (±3 dB, IEC) |

Type IV: Sony METAL-S or ES-IV
Type II: Sony UX-S or UX

Type 1 : Sony HF-S

Wow and flutter

±0.09% W.Peak (IEC) 0.05% W.RMS (NAB)

±0.14% W.Peak (DIN)

±0.14% W.

Inputs

| Line inputs (phono jacks) | Line inputs | Sensitivity | 0.16 V |
|------------------------------|---------------|-----------------|-----------|
| | (pnono jacks) | Input impedance | 47 k ohms |

Outputs

| Line outputs (phono jacks) | Rated output level | 0.5 V at a load impedance of 47 k ohms |
|-----------------------------------|-----------------------|---|
| | Load impedance | Over 10 k ohms |
| Headphones (stereo phone jack) | Output level | 0 - 3 mW at a load impedance of 32 ohms |

General

Power requirements Model for the U.S.A.:

120 V AC, 60 Hz

Models for the United Kingdom and

Australia:

240 V AC. 50 Hz

Power consumption 21 W

Dimensions

Approx. $430 \times 123 \times 306$ mm (w/h/d)

 $(17 \times 4^{7}/_{8} \times 11^{7}/_{8} \text{ inches})$

including projecting parts and controls

Mass Approx. 4.8 kg (10 lbs 10 oz)

Supplied accessories

Audio connecting cords (2)

Design and specifications are subject to change without notice.

Note

This appliance conforms with EEC Directive 87/308/EEC regarding interference suppression.

Troubleshooting Guide

The following trouble checks will help you correct the most common problems encountered with your tape deck. Should any problems persist after you have made these checks, consult your nearest Sony dealer.

Before proceeding with these trouble checks, verify that:

- . The power cord is firmly connected.
- · Amplifier connections are firmly made.
- · Heads, capstans and pinch rollers are clean.
- · The amplifier controls and switches are set correctly.

| Symptom | Cause | Remedy |
|--|---|---|
| The function buttons do not activate. | The cassette holder is not fully closed. | Close the holder completely. |
| | The cassette is not properly inserted. | Insert cassette correctly. |
| | Button was pressed immediately after the power was turned on. | Wait until the II indicator stops flashing. |
| Playback or recording begins when the power is turned on. | The TIMER switch is not set to OFF. | Set the TIMER switch to OFF. |
| The ● button does not activate. | There is no cassette in the holder. | Insert a cassette. |
| | A tab has been removed from the cassette. | Cover the slot with tape (page 12) |
| Automatic shut-off mechanism | The tape is slack. | Take up the tape slack. |
| activates before the tape comes to its end. | The cassette shell is deformed. | Use another cassette. |
| | The Memory Play function is activated. | Press the MEMORY button to deactivate the function. |
| Excessively loud tape transport noise during fast winding. | This noise is caused by the cassette and does not signify a mechanical problem. | _ |
| The cassette holder will not close. | There has been a power failure or the power cord has been disconnected while the cassette holder is open. | Reconnect the power. |
| The ≜ botton does not function. | There has been a power failure or the power cord has been disconnected. | Reconnect the power. |

(Continued on next page.)

Troubleshooting Guide

(Continued from previous page.)

| Symptom | Cause | Remedy |
|---|---|--|
| Recording or playback cannot be made or there is a decrease in sound level. | The heads are either dirty or magnetized. | Clean or demagnetize the heads (page 17). |
| evei. | Improper connection. | Make connections properly (page 5). |
| | Improper setting of the amplifier controls. | Set the amplifier controls to the appropriate positions. |
| Excessive wow, flutter or drop-out. | The head, capstan or pinch roller is dirty. | Clean in accordance with instructions on page 17. |
| Incomplete erasure. | The erasing head is dirty. | Clean the erasing head (page 17). |
| Increased noise or poor reproduction in high frequencies. | The heads are magnetized. | Demagnetize the heads (page 17). |
| Unbalanced tone in high frequencies. | Improper setting of the DOLBY NR switch. | During playing back, set the switch to the same position used in recording. |
| | The unit is placed near a television set. | Move the unit away from the television set. |
| The desired selection cannot be located even though you activate the Multi-AMS. | There is noise in the space between selections. The space is less than four seconds long. | Rerecord the tape if you can, and insert a blank space of four seconds using the O button (page 16). |
| | The ►► (or ◄) button was pressed immediately before the beginning of the following selection. | _ |
| Playback begins in the middle of the selection when the Multi-AMS is activated. | The selection contains one of the following: — a long pause in the music — a passage of low frequencies or very low volume — a gradual increase or decrease in volume. | While the tape is playing, press the ▶ or ◀◀ button again. |

| Noise | plane. | |
|--------------------|---|--|
| Symptom | Cause | Remedy |
| Hum noise. | The unit is stacked on or under the amplifier. | Separate the unit. |
| Noise is recorded. | The recording was made near equipment such as a television set or a color monitor, and interference has affected the recording on the tape and the Dolby NR system. | Move the unit away from the television set or color monitor. |